

Amendments to the Claims:

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

Claim 1 (currently amended): A portable tunneling storage and processing apparatus, comprising:

a memory,

wherein the memory contains a unique apparatus identifier,

wherein the memory contains user verifying information;

a processor disposed in communication with the memory, and configured to issue a plurality of processing instructions stored in the memory,

wherein the processing instructions issue signals to:

provide a terminal with access to the memory;

execute processing instructions from the memory on the terminal to provide the portable tunneling storage and processing apparatus with access to the terminal, wherein the terminal acts as a proxy to the portable tunneling storage and processing apparatus for the terminal's input and output peripheral devices, and wherein the terminal acts as a network interface proxy to the portable tunneling storage and processing apparatus, and wherein the processing instructions are executed on the terminal;

process processing instructions, wherein the processing instructions are stored in the memory, wherein the processing instructions are used to issue signals to process processing instruction on the processor;

encrypt data stored in the memory based on the apparatus identifier and the user verifying information; .

effect the display of processing activity on the terminal display device;

a conduit for external communications disposed in communication with the processor, configured to issue a plurality of communication instructions as provided by the processor, configured to issue the communication instructions as signals to engage in communications with other devices having compatible conduits, and configured to receive signals issued from the compatible conduits, wherein the conduits are USB conduits,

wherein the communication instructions issue signals to:

communicate with [[a]] the terminal;

communicate with a server;

wherein the communication instruction issued signals are encrypted, wherein the encryption occurs on the processor,

wherein received encrypted instruction signals are decrypted, and wherein the decryption occurs on the processor.

Claim 2 (currently amended): A portable tunneling storage and processing apparatus, comprising:

a memory,

wherein the memory contains a unique apparatus identifier;

a processor disposed in communication with the memory, and configured to issue a plurality of processing instructions stored in the memory,

wherein the processing instructions issue signals to:

provide a terminal access to the memory,

process processing instructions,

effect the display of processing activity on the terminal;

a conduit for external communications disposed in communication with the processor, configured to issue a plurality of communication instructions as provided by the processor, configured to issue the communication instructions as signals to engage in communications with other devices having compatible conduits, and configured to receive signals issued from the compatible conduits,

wherein the communication instructions issue signals to:

communicate ~~at-a~~ with the terminal.

Claim 3 (original): The apparatus of claim 2, wherein the unique apparatus identifier is a digital signature.

Claim 4 (original): The apparatus of claim 2, wherein the memory contains user verifying information.

Claim 5 (original): The apparatus of claim 4, wherein the user verifying information is a digital signature

Claim 6 (original): The apparatus of claim 4, wherein the user verifying information is a username and password.

Claim 7 (currently amended): The apparatus of claim 6, ~~further, comprising:~~ wherein the processing instructions issue signals to [[::]] encrypt the memory based on the unique apparatus identifier and user verifying information.

Claim 8 (currently amended): The apparatus of claim 2, ~~further, comprising:~~ wherein the processing instructions issue signals to [[::]] execute processing instructions from the memory ~~on~~ the terminal to access the terminal, wherein the processing instructions are executed on the terminal.

Claim 9 (currently amended): The apparatus of claim 2 8, wherein the terminal acts as a proxy to the portable tunneling storage and processing apparatus for the terminal's input and output peripheral devices, and acts as a network interface proxy to the portable tunneling storage and processing apparatus.

Claim 10 (original): The apparatus of claim 2, wherein the processing instructions are stored on the memory.

Claim 11 (original): The apparatus of claim 2, wherein the processing instructions are obtained from a server.

Claim 12 (original): The apparatus of claim 2, wherein the processing instructions are processed on the processor.

Claim 13 (original): The apparatus of claim 12, wherein the processing instructions are processed on the processor to process files for printing.

Claim 14 (original): The apparatus of claim 2, wherein the processing instructions are processed on the terminal.

Claim 15 (original): The apparatus of claim 2, wherein the processing instructions are processed on the server.

Claim 16 (canceled): The apparatus of claim 2, further comprising:

wherein the processing instructions issue signals to:

effect the display of processing activity.

Claim 17 (currently amended): The apparatus of claim 2, wherein the display of processing activity occurs on the terminal display device.

Claim 18 (currently amended): The apparatus of claim 46 2, wherein the display of processing activity occurs directly in the terminal's video memory.

Claim 19 (original): The apparatus of claim 2, wherein the conduits are USB conduits.

Claim 20 (original): The apparatus of claim 2, wherein the conduits are wireless conduits.

Claim 21 (original): The apparatus of claim 20, wherein the wireless conduits are Bluetooth.

Claim 22 (original): The apparatus of claim 20, wherein the wireless conduits are WiFi.

Claim 23 (currently amended): The apparatus of claim 2, ~~further, comprising~~ wherein the communication instructions issue signals to [:] communicate with a server.

Claim 24 (original): The apparatus of claim 23, wherein the communication instruction issued signals are encrypted.

Claim 25 (original): The apparatus of claim 24, wherein the encryption occurs on the processor.

Claim 26 (original): The apparatus of claim 24, wherein the encryption occurs on the terminal.

Claim 27 (original): The apparatus of claim 24, wherein the encryption occurs on the server.

Claim 28 (previously presented): The apparatus of claim 23, wherein received encrypted instruction signals are decrypted.

Claim 29 (previously presented): The apparatus of claim 28, wherein the decryption occurs on the processor.

Claim 30 (previously presented): The apparatus of claim 28, wherein the decryption occurs on the terminal.

Claim 31 (previously presented): The apparatus of claim 28, wherein the decryption occurs on the server.

Claim 32 (currently amended): A method of accessing data, comprising:

engaging a portable storage device with a terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor; wherein the conduits are USB conduits;

providing the memory for access on the terminal,

wherein the memory is mounted on the terminal;

executing processing instructions from the memory on the terminal to access the terminal, wherein the processing instructions are executed on the terminal;

communicating through the conduit at [[a]] the terminal,

wherein the portable storage device has access to the terminal such that the terminal acts as a proxy to the portable storage device for the terminal's input and output peripheral devices, and acts as a network interface proxy to the portable storage device,

wherein communication instruction issued signals are encrypted,

wherein the encryption occurs on the processor,

wherein received encrypted instruction signals are decrypted,

wherein the decryption occurs on the processor;

executing processing instructions on the processor,

wherein the processing instructions are stored on the memory,

wherein the processing instructions are used to issue signals to process processing instruction on the processor; and

effecting the display of processing activity on the terminal.

Claim 33 (original): A method of accessing data, comprising:

disposing a portable storage device in communication with a terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor;

providing the memory for access on the terminal;

executing processing instructions from the memory ~~on the terminal~~ to access the terminal, wherein the processing instructions are executed on the terminal;

communicating through the conduits connecting the portable storage device to the terminal;

processing processing instructions.

Claim 34 (currently amended): The method of claim 33, wherein the conduits connecting the portable storage device to the terminal are USB conduits.

Claim 36 35 (currently amended): The method of claim 33, wherein the conduits connecting the portable storage device to the terminal are wireless conduits.

Claim 36 (original): The method of claim 35, wherein the wireless conduits are Bluetooth.

Claim 37 (original): The method of claim 35, wherein the wireless conduits are WiFi.

Claim 38 (original): The method of claim 33, wherein the memory is mounted at the terminal.

Claim 39 (original): The method of claim 33, wherein the communication through the conduit is at the terminal.

Claim 40 (currently amended): The method of claim 39, wherein the terminal acts as a proxy to the portable storage device for the terminal's input and output peripheral devices.

Claim 41 (currently amended): The method of claim 39, wherein the terminal acts as a network interface proxy to the portable storage device.

Claim 42 (currently amended): The method of claim 33, wherein [[a]] the communications through the conduit connecting the portable storage device to the terminal are encrypted.

Claim 43 (original): The method of claim 42, wherein the encryption occurs on the processor.

Claim 44 (currently amended): The method of claim 43, wherein the encryption occurs on the processor by executing communication instructions from the memory.

Claim 45 (original): The method of claim 42, wherein the encryption occurs on the terminal.

Claim 46 (currently amended): The method of claim 42, wherein the encryption occurs on the a server.

Claim 47 (original): The method of claim 33, wherein received encrypted instruction signals are decrypted.

Claim 48 (original): The method of claim 47, wherein the decryption occurs on the processor.

Claim 49 (currently amended): The method of claim 48, wherein the decryption occurs on the processor by executing communication instructions from the memory.

Claim 50 (original): The method of claim 47, wherein the decryption occurs on the terminal.

Claim 51 (currently amended): The method of claim 47, wherein the decryption occurs on the a server.

Claim 52 (original): The method of claim 33, wherein the processing instructions are stored in the memory.

Claim 53 (original): The method of claim 33, wherein the processing of processing instructions occurs on the processor.

Claim 54 (original): The method of claim 33, wherein the processing of processing instructions occurs on the terminal.

Claim 55 (currently amended): The method of claim 33, wherein the processing of processing instructions occurs on the a server.

Claim 56 (original): The method of claim 33, wherein the processing instructions are used to issue signals to process processing instruction on the processor.

Claim 57 (original): The method of claim 55, wherein the processing instructions are used to issue signals to process processing instruction on the processor to process files for printing.

Claim 58 (original): The method of claim 33, further, comprising:

effecting the display of processing activity.

Claim 59 (original): The method of claim 58, wherein the display occurs on the terminal.

Claim 60 (currently amended): The method of claim 59 wherein the display occurs on the terminal by writing directly into on the terminal video memory.

Claim 61 (currently amended): A system to access data, comprising:

means to engage a portable storage device with a terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor, wherein the conduits are USB conduits;

means to provide the memory ~~for with~~ access to ~~on~~ the terminal,

wherein the memory is mounted on the terminal;

means to execute processing instructions from the memory ~~on the terminal~~ to access the terminal, wherein the processing instructions are executed on the terminal;

means to communicate through the conduit at [[a]] the terminal,

wherein the terminal acts as a proxy to the portable storage device for the terminal's input and output peripheral devices, and acts as a network interface proxy to the portable storage device,

wherein communication instruction issued signals are encrypted,

wherein the encryption occurs on the processor,

wherein received encrypted instruction signals are decrypted,

wherein the decryption occurs on the processor;

means to execute processing instructions on the processor,

wherein the processing instructions are stored on the memory,

wherein the processing instructions are used to issue signals to process processing instruction on the processor; and

means to effect the display of processing activity on the terminal.

Claim 62 (currently amended): A system to access data, comprising:

means to dispose a portable storage device in communication with a terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor;

means to provide the memory for access on the terminal;

means to execute processing instructions from the memory on the terminal to access the terminal, wherein the processing instructions are executed on the terminal;

means to communicate through the conduits connecting the portable storage device to the terminal;

means to process processing instructions.

Claim 63 (currently amended): A medium readable by a processor to access data, comprising:

instruction signals in the processor readable medium, wherein the instruction signals are issuable by the processor to:

engage a portable storage device with a terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor, wherein the conduits are USB conduits;

provide the memory for access on the terminal,

wherein the memory is mounted on the terminal;

execute processing instructions from the memory ~~on the terminal~~ to access the terminal,
wherein the processing instructions are executed on the terminal;

communicate through the conduit at [[a]] the terminal,

wherein the terminal acts as a proxy to the portable storage device for the terminal's input and output peripheral devices, and acts as a network interface proxy to the portable storage device,

wherein communication instruction issued signals are encrypted,

wherein the encryption occurs on the processor,

wherein received encrypted instruction signals are decrypted,

wherein the decryption occurs on the processor;

execute processing instructions on the processor,

wherein the processing instructions are stored on the memory,

wherein the processing instructions are used to issue signals to process processing instruction on the processor; and

means to effect the display of processing activity on the terminal.

Claim 64 (currently amended): A medium readable by a processor to access data, comprising:

instruction signals in the processor readable medium, wherein the instruction signals are issuable by the processor to:

engage dispose a portable storage device in communication with a terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor;

provide the memory for access on the terminal;

execute processing instructions from the memory on the terminal to access the terminal, wherein the processing instructions are executed on the terminal;

communicate through the conduits connecting the portable storage device to the terminal;

process processing instructions.

Claim 65 (currently amended): An apparatus to access data, comprising:

a memory;

a processor disposed in communication with said memory, and configured to issue a plurality of processing instructions stored in the memory, wherein the instructions issue signals to:

engage a portable storage device with a terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor, wherein the conduits are USB conduits;

provide [[-]] the memory for access on the terminal,

wherein the memory is mounted on the terminal;
execute processing instructions from the memory on the terminal to access the terminal
wherein the processing instructions are executed on the terminal;
communicate through the conduit at [[a]] the terminal,

wherein the terminal acts as a proxy to the portable storage device for the terminal's input and output peripheral devices, and acts as a network interface proxy to the portable storage device,

wherein communication instruction issued signals are encrypted,

wherein the encryption occurs on the processor,

wherein received encrypted instruction signals are decrypted,

wherein the decryption occurs on the processor;

execute processing instructions on the processor,

wherein the processing instructions are stored on the memory,

wherein the processing instructions are used to issue signals to process processing instruction on the processor; and

means to effect the display of processing activity on the terminal.

Claim 66 (currently amended): An apparatus to access data, comprising:

a memory;

a processor disposed in communication with said memory, and configured to issue a plurality of processing instructions stored in the memory, wherein the instructions issue signals to:

dispose a portable storage device in communication with a terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor;

provide the memory for access on the terminal;

execute processing instructions from the memory on the terminal to access the terminal
wherein the processing instructions are executed on the terminal;

communicate through the conduits connecting the portable storage device to the terminal;

process processing instructions.

Claim 67 (currently amended): A method of accessing data, comprising:

receiving requests from a terminal,

wherein a portable storage device is disposed in communication with the terminal,

wherein the portable storage device has a processor,

wherein the portable storage device connects to the terminal across compatible conduits for external communications, wherein the portable storage device has a memory, wherein the memory and a storage conduit are disposed in communication with the processor, wherein the portable storage device is responsible for generating the received requests;

providing responses to the portable storage device's requests.

Claim 68 (currently amended): A method of accessing data, comprising:

disposing a portable storage device in communication with a [[-]]terminal,

wherein the portable storage device has a processor,
wherein the portable storage device connects to the terminal across compatible
conduits for external communications, wherein the portable storage device has a memory;
employing the terminal for input/output (I/O) control for the portable storage device;
executing instructions on the portable storage device; and
displaying results of execution on the terminal.

Claim 69 (original): The method of claim 68, further, comprising:

storing the results of execution on the terminal in the portable storage device's memory.

Claim 70 (new): The apparatus of claim 32, wherein the conduits connecting the portable
storage device to the terminal are USB conduits.

Claim 71 (new): The apparatus of claim 32, wherein the conduits connecting the portable
storage device to the terminal are wireless conduits.

Claim 72 (new): The apparatus of claim 71, wherein the wireless conduits are Bluetooth.

Claim 73 (new): The apparatus of claim 71, wherein the wireless conduits are WiFi.